

California MEDICINE

OWNED AND PUBLISHED BY THE
CALIFORNIA MEDICAL ASSOCIATION
693 SUTTER STREET, SAN FRANCISCO 2, CALIFORNIA • TELEPHONE PROSPECT 6-9400
Address editorial communications to Dwight L. Wilbur, M.D., and business communications to John Hunton

Editorial Board

Chairman of the Board:

Dwight L. Wilbur, San Francisco

Allergy:

Samuel H. Hurwitz, San Francisco
Edmund L. Keeney, La Jolla

Anesthesiology:

Charles F. McCuskey, Los Angeles
William B. Neff, Redwood City

Dermatology and Syphilology:

H. V. Allington, Oakland
Paul D. Foster, Los Angeles

Ear, Nose and Throat:

Lawrence K. Gundrum, Los Angeles
Charles P. Lebo, San Francisco

Eye:

Frederick C. Cordes, San Francisco
A. R. Robbins, Los Angeles

General Practice:

James E. Reeves, San Diego
John G. Walsh, Sacramento

General Surgery:

C. J. Baumgartner, Beverly Hills
Victor Richards, San Francisco

Industrial Medicine and Surgery:

Rutherford T. Johnstone, Los Angeles
John E. Kirkpatrick, San Francisco

Internal Medicine:

Edward W. Boland, Los Angeles
W. E. Macpherson, Los Angeles
O. C. Rallsback, Woodland
Maurice Sokolow, San Francisco
Edgar Wayburn, San Francisco

Obstetrics and Gynecology:

Charles E. McLennan, Stanford
Daniel G. Morton, Los Angeles

Orthopedic Surgery:

Hugh Jones, Los Angeles
Don E. King, San Francisco

Pathology and Bacteriology:

Alvin J. Cox, Stanford
Alvin G. Foord, Pasadena

Pediatrics:

William G. Deamer, San Francisco
E. Earl Moody, Los Angeles

Pharmacology:

Hamilton H. Anderson, San Francisco
Clinton H. Thienes, Los Angeles

Plastic Surgery:

George W. Pierce, San Francisco
George V. Webster, Pasadena

Psychiatry and Neurology:

Karl M. Bowman, San Francisco
John B. Doyle, Los Angeles

Public Health:

Charles E. Smith, Berkeley
George Uhl, Los Angeles

Radiology:

John D. Camp, Los Angeles
R. R. Newell, San Francisco

Thoracic Surgery:

John C. Jones, Los Angeles
H. Brodie Stephens, San Francisco

Urology:

Lyle Craig, Pasadena
Albert J. Scholl, Los Angeles

Consultants in Biostatistics:

Frederick J. Moore, Los Angeles
Jacob Yerushalmy, Berkeley

EDITOR DWIGHT L. WILBUR

Assistant to the Editor, ROBERT F. EDWARDS

Executive Committee—Editorial Board

PAUL D. FOSTER Los Angeles
WARREN L. BOSTICK San Rafael
SAMUEL R. SHERMAN San Francisco
JAMES C. DOYLE Beverly Hills
MATTHEW N. HOSMER (ex-officio) San Francisco
IVAN C. HERON San Francisco
DWIGHT L. WILBUR San Francisco

Advertisements—CALIFORNIA MEDICINE is published on the seventh of each month. Advertising copy must be received not later than the tenth of the month preceding issue. Advertising rates will be sent on request. Acceptance of advertising is contingent upon approval by the Advertising Committee.

Advertising Committee Members—Robertson Ward, Chairman, San Francisco; W. Dayton Clark, San Francisco; Allen T. Hinman, San Francisco; Eugene S. Hopp, San Francisco; William C. Mumler, Los Angeles. **Technical Advisors**: Hamilton H. Anderson, San Francisco; Clinton H. Thienes, Los Angeles; R. W. Weilerstein, San Francisco.

ADVERTISING MANAGER..... MELVIN B. TYLER

Copyright, 1960, by the California Medical Association.
Subscription prices, \$6 (\$7 for foreign countries); single copies 60 cents.

Volumes begin with the first of January and the first of July. Subscriptions may commence at any time.

Change of Address—Requests for change of address should give both the old and new address, and should be made by county secretaries or by the member concerned.

Contributions of Scientific and Original Articles

Responsibilities for Statements and Conclusions in Original Articles—Authors are responsible for all statements, conclusions and methods of presenting their subjects. These may or may not be in harmony with the views of the editorial staff. It is aimed to permit authors to have as wide latitude as the general policy of the Journal and the demands on its space may permit. The right to reduce, revise or reject any manuscript is always reserved.

Exclusive Publication—Articles are accepted for publication on condition that they are contributed solely to this Journal. Ordinarily contributors will be notified within 60 days if a manuscript is accepted for publication. Every effort will be made to return unused manuscripts.

Length of Articles—Ordinarily articles should not exceed 3,000 words (approximately 3 printed pages). Under exceptional circumstances only will articles of over 4,000 words be published.

Manuscripts—Manuscripts should be typewritten, double spaced and the original and a carbon copy submitted.

Illustrations—Ordinarily publication of 2 or 3 illustrations accompanying an article will be paid for by CALIFORNIA MEDICINE. Any number beyond this will have to be paid for by the author.

References—Should conform to the following order: name of author, title of article, name of periodical, with volume, page, month, day of the month if weekly, and year—i.e.: Lee, G. S.: The heart rhythm following therapy with digitalis, Arch. Int. Med., 44:554, Dec. 1942. They should be listed in alphabetical order and numbered in sequence.

Reprints—Reprints must be paid for by the author at established standard rates.

Contributions of "Letters to the Editor" and News and Notes

The Editorial Board will be glad to receive and consider for publication letters containing information of general interest to physicians throughout the State or presenting constructive criticisms on controversial issues of the day. Also News and Notes items regarding the affairs and activities of hospitals, individuals, communities and local medical societies and groups throughout the State.

"Entered as second class matter at the post office at San Francisco, under the Act of March 3, 1879." Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized August 10, 1918.

Officers OF THE CALIFORNIA

General Officers

President: PAUL D. FOSTER, 1216 Wilshire Boulevard, Los Angeles 17, HUndley 2-7622.
President-Elect: WARREN L. BOSTICK, 40 Twain Harte Lane, San Rafael, GLENwood 4-8771.
Speaker of the House of Delegates: JAMES C. DOYLE, 9730 Wilshire Boulevard, Beverly Hills, CRestview 1-1812.
Vice-Speaker of the House of Delegates: IVAN C. HERON, 490 Post Street, San Francisco 2, SUtter 1-4720.
Chairman of the Council: SAMUEL R. SHERMAN, 2255 Van Ness Avenue, San Francisco 9, PRospect 5-5835.
Secretary: MATTHEW N. HOSMER, 384 Post Street, San Francisco 8, SUtter 1-2008.
Editor: DWIGHT L. WILBUR, 655 Sutter Street, San Francisco 2, ORdway 3-4080.
Executive Director: HOWARD HASSARD, 111 Sutter Street, San Francisco 4, YUkon 2-8585.
Executive Secretary: JOHN HUNTON, 693 Sutter Street, San Francisco 2, PRospect 6-9400.
General Counsel: PEART, BARATY and HASSARD, 111 Sutter Street, San Francisco 4, YUkon 2-8585.

District Councilors

FIRST DISTRICT—James C. MacLaggan (1961), 525 Hawthorne Street, San Diego 1, San Diego County, BElmont 3-6519.

SECOND DISTRICT—Omer W. Wheeler (1961), 6876 Magnolia Avenue, Riverside, Imperial, Inyo, Mono, Orange, Riverside and San Bernardino Counties, OVerland 3-8300.

THIRD DISTRICT—Los Angeles County—
Office No. 1—Malcolm C. Todd (1962), 1933 Pacific Avenue, Long Beach 6, HEmlack 7-4240.

Office No. 2—William F. Quinn (1963), 1930 Wilshire Boulevard, Los Angeles 57, HUbbard 3-1750.

Office No. 3—J. Norman O'Neill (1961), 1930 Wilshire Boulevard, Los Angeles 57, HUbbard 3-7752.

Office No. 4—Arthur A. Kirchner (1962), 2007 Wilshire Boulevard, Los Angeles 57, HUbbard 3-2311.

Office No. 5—Joseph P. O'Connor (1963), 595 East Colorado Street, Pasadena, SYcamore 2-2154.

Office No. 6—Gerald W. Shaw (1961), 327 Wilshire Boulevard, Santa Monica, EXbrook 3-6745.

Office No. 7—Wilbur G. Rogers (1962), 1122 N. Brand Boulevard, Glendale, CITrus 1-3125.

FOURTH DISTRICT—James W. Dalton (1961), 2301 Castillo Street, Santa Barbara, San Luis Obispo, Santa Barbara and Ventura Counties, WOodland 5-6537.

FIFTH DISTRICT—John F. Murray (1963), 1274 N. Van Ness Avenue, Fresno, Calaveras, Fresno, Kern, Kings, Madera, Mariposa, Merced, San Joaquin, Stanislaus, Tulare and Tuolumne Counties, AMherst 4-4661.

SIXTH DISTRICT—Monterey, San Benito, San Mateo, Santa Clara and Santa Cruz Counties—
Office No. 1—Burt L. Davis (1961), 701 Channing Avenue, Palo Alto, DAVenport 2-0297.

Office No. 2—Albert G. Miller (1962), 77 San Mateo Drive, San Mateo, DIamond 3-9074.

SEVENTH DISTRICT—San Francisco County—
Office No. 1—Samuel R. Sherman (1963), 2255 Van Ness Avenue, San Francisco 9, PRospect 5-5835.

Office No. 2—Donald M. Campbell (1961), 977 Valencia Street, San Francisco 10, ATwater 2-4373.

EIGHTH DISTRICT—John G. Morrison (1963), 333 Estudillo Avenue, San Leandro, Alameda and Contra Costa Counties, NEptune 8-1332.

NINTH DISTRICT—Carl E. Anderson (1961), 1150 Montgomery Drive, Santa Rosa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, Solano and Sonoma Counties, LItery 6-1922.

TENTH DISTRICT—Ralph C. Teall (1962), 2626 L Street, Sacramento 16, Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Counties, GILbert 8-1851.

COMMISSION ON

Medical Services

Elizabeth Austin, Los Angeles.....1961
Thomas Elmendorf, Willows.....1961
Henry Gibbons III (Secy.), San Francisco.....1961
Donald C. Harrington (Chmn.), Stockton.....1962
John F. Murray, Fresno.....1962
John M. Rumsey, San Diego.....1962
Clarence H. Albaugh, Los Angeles.....1963
Elmer Gooel, Beverly Hills.....1963
H. Dean Hoskins, Oakland.....1963
Herman Stone, Riverside.....1963

Committee on Fees

Edward Levy, San Diego.....1961
William C. Mumlur, Los Angeles.....1961
John F. Murray, Fresno.....1961
Robert L. Day, Bakersfield.....1962
Edmund P. Halley, Stockton.....1962
Eugene F. Hoffman, Los Angeles.....1962
L. E. Wilson, Anaheim.....1962
Claude Callaway, San Francisco.....1963
Samuel Gendel, Anaheim.....1963
H. Dean Hoskins (Chmn.), Oakland.....1963
Homer Pheasant, Los Angeles.....1963
William Thompson, San Mateo.....1963

Committee on Aging

Robert X. DeMangus, Glendale.....1961
Thomas Elmendorf, Willows.....1961
Howell Wiggins, San Diego.....1961
Louis P. Argimans, Stockton.....1962
Gordon A. Salness, Anaheim.....1962
Allan E. Voigt, Napa.....1962
Clarence H. Albaugh (Chmn.), Los Angeles.....1963
DeWitt K. Burnham, San Francisco.....1963
Richard Johnson, Sacramento.....1963

Committee on Government Financed Medical Care

A. E. Berman, Sacramento.....1961
Thomas Elmendorf, Willows.....1961
Ferrall H. Moore, Redwood City.....1961
William F. Quinn, Los Angeles.....1961
Cyril J. Atwood, Oakland.....1962
J. Lafe Ludwig, Los Angeles.....1962
John M. Rumsey (Chmn.), San Diego.....1962
Samuel R. Sherman, San Francisco.....1962
Donald Abbott, Riverside.....1963
John Morrison, San Leandro.....1963
William H. Todd, Long Beach.....1963
John E. Vaughan, Bakersfield.....1963

Committee on Rehabilitation

Elizabeth Austin (Chmn.), Los Angeles.....1961
Pierre Salmon, San Mateo.....1961
John B. Schuapp, San Francisco.....1961
Howell E. Wiggins, San Diego.....1961
William Thomas, San Francisco.....1962
Gordon Williams, Menlo Park.....1962
John E. Affeldt, Downey.....1963
Edwin Graveline, Fresno.....1963
Willard Zinn, Los Angeles.....1963

Committee on Medical Care Insurance

Franklin F. Ham, Van Nuys.....1961
Milo A. Youel, San Diego.....1961
Robert C. Combs, San Francisco.....1962
Leon O. Desimone, Los Angeles.....1962
Donald C. Harrington (Chmn.), Stockton.....1962
Donald D. Lum, Alameda.....1963
Joseph W. Telford, San Diego.....1963

COMMISSION ON

Public Agencies

Wayne Pollock, Sacramento.....1961
George Herzog, Jr., San Francisco.....1962
Charles B. Hudson (Secy.), Oakland.....1962
Stuart Knox, Los Angeles.....1963
William F. Quinn, Los Angeles.....1963
Omer W. Wheeler (Chmn.), Riverside.....1963

Committee on State Medical Services

James C. MacLaggan, San Diego.....1961
Stanley Skillicorn, San Jose.....1961
R. Wm. Draper, Sacramento.....1962
Clarence T. Halburg, Jr., Redlands.....1962
Omer W. Wheeler (Chmn.), Riverside.....1962
Warren L. Bostick, San Rafael.....1963
Joseph P. O'Connor, Pasadena.....1963

Committee on Mental Health

Knox Finley, San Francisco.....1961
Joseph P. O'Connor, Pasadena.....1961
Rudolph B. Toller, Stockton.....1961
Alfred Auerback, San Francisco.....1962
James B. Hollingsworth, Fresno.....1962
Jack B. Lomas, Beverly Hills.....1962
Woodrow W. Burgess, Sacramento.....1963
Roger Egeberg, Los Angeles.....1963
Stuart Knox (Chmn.), Los Angeles.....1963

Committee on Other Professions

William Evans, N. Hollywood.....1961
Wayne Pollock (Chmn.), Sacramento.....1961
Eugenia Hayes, San Rafael.....1962
J. Philip Sampson, Santa Monica.....1962
Dante A. Gazzaniga, Los Angeles.....1963
William F. Kaiser, Berkeley.....1963

Committee on Veterans Affairs

Roy S. Averill, Jr., Chula Vista.....1961
Floyd Jergesen, San Francisco.....1961
Fred Bradford, Los Angeles.....1962
Charles B. Hudson (Chmn.), Oakland.....1962
Ben D. A. Miano, San Bernardino.....1963
Milo Youel, San Diego.....1963

Committee on Adoptions

Robert J. McNeil, Los Angeles.....1961
James V. McNulty, Los Angeles.....1961
John Walsh, Sacramento.....1961
Ira H. Degenhardt, San Rafael.....1962
Robertta Fenlon, San Francisco.....1962
George K. Herzog, Jr. (Chmn.), San Francisco.....1962
Walter Beckh, San Francisco.....1963
Russell W. Mapes, Beverly Hills.....1963
Henry L. Tieche, Fresno.....1963

Committee on Dangerous Drugs

Norman A. Gale, San Diego.....1961
Clinton H. Thienes, Pasadena.....1961
Edward R. Bloomquist, Glendale.....1962
Edward T. Jewett, Santa Rosa.....1962
William F. Quinn (Chmn.), Los Angeles.....1963
Ralph W. Weilerstein, Berkeley.....1963

COMMISSION ON

Community Health Services

Andrew M. Henderson, Jr., Sacramento.....1961
James MacLaggan (Chmn.), San Diego.....1961
James Moore, Ventura.....1961
Jerome Shilling, Los Angeles.....1961
Justin J. Stein, Los Angeles.....1961
Charles Branthaver (Secy.), Sacramento.....1962
Packard Thurber, Jr., Los Angeles.....1962
Joseph Maguire, Ventura.....1963
Robb Smith, Orange Cove.....1963

Committee on Rural and Community Health

James Benn, Jr., Ripon.....1961
Ben D. A. Miano, San Bernardino.....1961
Willis Irwin, Holtville.....1962
Wrenshall Oliver, Napa.....1962
Leopold J. Snyder, Fresno.....1962
Francis Hatch, Modesto.....1963
Robb Smith (Chmn.), Orange Cove.....1963

Committee on School Health

Gerald G. Jampolsky, San Rafael.....1961
Carlyle Stout, Pasadena.....1961
Donald Zavala, El Centro.....1961
Charles A. Branthaver (Chmn.), Sacramento.....1962

William Leovy, San Diego.....1962
J. H. Nelson, Ojai.....1962
C. Morley Sellery, Los Angeles.....1962
Ruth Frary, Watsonville.....1963
M. H. Jennison, Palo Alto.....1963
T. V. Reese, Bakersfield.....1963

Committee on Industrial Health

James Ryan, San Diego.....1961
Jerome Shilling, Los Angeles.....1961
Edward Luongo, Los Angeles.....1962
Packard Thurber, Jr. (Chmn.), Los Angeles.....1962
John Kirkpatrick, San Francisco.....1963

Committee on Disaster Medical Care

Charles Henderson, San Mateo.....1961
Justin J. Stein (Chmn.), Los Angeles.....1961
Wayne P. Chesbro, Berkeley.....1962
Robert Range, Sacramento.....1962
Harold Hill, San Francisco.....1963
Frank F. Schade, Los Angeles.....1963

MEDICAL ASSOCIATION ★ ★ ★ ★

Committee on Traffic Safety

Maurice W. Nugent, Los Angeles.....	1961
B. G. Stewart, Bakersfield.....	1961
Arnold R. Friesen, Pasadena.....	1962
Eugene Webb, San Francisco.....	1962
Chester Barta, San Diego.....	1963
Joseph Maguire (Chmn.), Ventura.....	1963

EX-OFFICIO

Daniel Blaine, Sacramento
Erma West, Berkeley

Committee on Blood Banks

Andrew M. Henderson, Jr., Sacramento.....	1961
James Moore (Chmn.), Ventura.....	1961
L. N. Osell, Bakersfield.....	1961
Owen Thomas, Santa Rosa.....	1961
Joseph S. Hayhurst, Redlands.....	1962
Robert W. Purvis, Modesto.....	1962
Melvin Sommer, Beverly Hills.....	1962
John R. Upton, San Francisco.....	1962
Frederick G. Hollander, San Diego.....	1963
T. S. Kimball, Eureka.....	1963
J. J. Palmer, Pomona.....	1963
Edward Tueller, Burlingame.....	1963

Committee on Allied Health Agencies

James C. MacLaggan (Chmn.), San Diego.....	1961
Robert L. Smith, Jr., San Francisco.....	1961
Henry A. Brown, San Mateo.....	1962
Jack Kramer, Inglewood.....	1962
Max D. Shaffrath, Sacramento.....	1962
Harold Kay, Oakland.....	1963
Thomas W. Ledwich, Napa.....	1963

COMMISSION ON

Public Policy

Robert Combs, San Francisco.....	1961
Dan O. Kilroy (Chmn.), Sacramento.....	1961
Malcolm S. M. Watts, (Secy.), San Francisco.....	1961
Ernest W. Henderson, Alameda.....	1962
Wayne Pollock, Sacramento.....	1962
Raleigh Lage, Oakland.....	1963
J. Lefe Ludwig, Los Angeles.....	1963

EX-OFFICIO

Paul D. Foster, Los Angeles
Warren L. Bostick, San Rafael

Committee on Legislation

Dan O. Kilroy (Chmn.), Sacramento.....	1961
Ernest W. Henderson, Alameda.....	1962
J. Lefe Ludwig, Los Angeles.....	1963

Committee on Public Relations

Robert Combs, San Francisco.....	1961
Malcolm Todd, Long Beach.....	1961
Malcolm S. M. Watts (Chmn.), San Francisco.....	1961
Purvis Martin, San Diego.....	1962
William F. Quinn, Los Angeles.....	1962
Robert Smalley, Willits.....	1962
Douglas H. Donath, San Marino.....	1963
Raleigh Lage, Oakland.....	1963

EX-OFFICIO

Paul D. Foster, Los Angeles
Warren L. Bostick, San Rafael
Donald C. Harrington, Stockton
Werner Hoyt, Mount Shasta

COMMISSION ON

Medical Education

Albert C. Daniels (Chmn.), San Francisco.....	1962
David A. Wood, San Francisco.....	1962
Herbert W. Jenkins (Secy.), Sacramento.....	1963
James Ravenscroft, San Diego.....	1963

Committee on Postgraduate Activities

Albert C. Daniels (Chmn.), San Francisco.....	1961
Paul D. Foster, Los Angeles.....	1962
Allen Hinman, San Francisco.....	1962
Chester Moore, Salinas.....	1962
Herbert W. Jenkins, Sacramento.....	1963

Committee on Maternal and Child Care

Nicholas Demas, Stockton.....	1961
J. G. Middleton, San Luis Obispo.....	1961
Edmund W. Overstreet, San Francisco.....	1961
Harry F. Smith, San Bruno.....	1961
Robert F. Chinnock, Los Angeles.....	1962
Max Goodman, San Bernardino.....	1962
Ralph M. King, La Mesa.....	1962
Robert O. Holmes, Hillsborough.....	1963
L. N. R. Leonards, San Francisco.....	1963
James Ravenscroft (Chmn.), San Diego.....	1963
W. Benbow Thompson, Los Angeles.....	1963

Committee on Scientific Work

Lowell A. Rantz, Palo Alto.....	1961
Daniel Morton, Los Angeles.....	1962
Albert C. Daniels (Chmn.), San Francisco.....	1962
George C. Griffith, Los Angeles.....	1963
Donald W. Petit, Los Angeles.....	1963

EX-OFFICIO

Clifford B. Cherry, Los Angeles
William P. Mikkelsen, Los Angeles

COMMISSION ON

Cancer

Burt L. Davis (Chmn.), Palo Alto.....	1961
Ian Macdonald, Los Angeles.....	1961
Justin J. Stein (Secy.), Los Angeles.....	1961
James C. Doyle, Beverly Hills.....	1962
James W. Martin, Sacramento.....	1962
Carl Moore, Bakersfield.....	1962
Sol Baker, Beverly Hills.....	1963
John W. Cline, San Francisco.....	1963
David A. Wood, San Francisco.....	1963

Committee on Cancer Education

Werner Duemling, San Diego.....	1961
Roger O. Egeberg, Los Angeles.....	1961
Eugene Joergenson, Glendale.....	1962
R. W. Sheldon, Bakersfield.....	1962
Sol Baker (Chmn.), Los Angeles.....	1963
Paul H. Deeb, Loma Linda.....	1963
Byron Hall, San Francisco.....	1963

Committee on Tumor Tissue Registry

Carl Aagaard, Ukiah.....	1961
D. R. Dickson, Santa Barbara.....	1961
Justin J. Stein (Chmn.), Los Angeles.....	1961
James E. Kahler, Los Angeles.....	1962
Carl M. McCandless, San Francisco.....	1962
E. M. Burr, Los Angeles.....	1963
Lewis M. Guiss, Los Angeles.....	1963

Committee on Consultative Tumor Boards

Ian Macdonald (Chmn.), Los Angeles.....	1961
Leonard Dobson, Palo Alto.....	1961
Otto Pfeuffer, San Francisco.....	1961
L. Robert Martin, Concord.....	1962
Carl Moore, Bakersfield.....	1962
Victor Richards, San Francisco.....	1963

Committee on Special Cancer Programs

Burt L. Davis, Palo Alto.....	1961
Bert Halter, San Francisco.....	1961
Robert W. Jamplis, Palo Alto.....	1961
John W. Manwaring, San Rafael.....	1962
James Martin (Chmn.), Sacramento.....	1962
John W. Cline, San Francisco.....	1963
D. A. De Santo, San Diego.....	1963

Committee on New and Unproved Methods of Cancer Treatment

Dexter T. Ball, Santa Ana.....	1961
Jerome A. Weinbaum, Chico.....	1961
Lester Breslow, Berkeley.....	1962
James C. Doyle (Chmn.), Beverly Hills.....	1962
L. Henry Garland, San Francisco.....	1963

COMMISSION ON

Professional Welfare

William Kaiser (Secy.), Berkeley.....	1961
Herbert C. Moffitt, Jr., San Francisco.....	1961
Ivan C. Heron, San Francisco.....	1962
Werner Hoyt, Mount Shasta.....	1962
Donald D. Ross, Los Angeles.....	1962
Arthur A. Kirchner (Chmn.), Los Angeles.....	1963
Homer C. Pheasant, Los Angeles.....	1963

Committee on Health and Accident Insurance

Arthur A. Kirchner, Los Angeles.....	1961
Robert Westcott, El Centro.....	1961
George K. Herzog, Jr., San Francisco.....	1962
T. W. Loring, Eureka.....	1962
Homer C. Pheasant (Chmn.), Los Angeles.....	1963

Medical Review and Advisory Board

William Kaiser, Berkeley.....	1961
James Powell, Stockton.....	1961
Eugene Webb, San Francisco.....	1961
James Yant, Sacramento.....	1961
Leo J. Adelstein, Los Angeles.....	1962
H. I. Burtess, Santa Barbara.....	1962
H. M. Ginsburg, Fresno.....	1962
Donald E. Ross, Los Angeles.....	1962
Arthur A. Kirchner (Chmn.), Los Angeles.....	1963
Stanley Moore, San Diego.....	1963
William F. Quinn, Los Angeles.....	1963
Rees B. Rees, San Francisco.....	1963

Committee on Private Practice of Medicine by Medical School Faculty Members

Walter E. Macpherson, Los Angeles.....	1961
Joseph Telford, San Diego.....	1961
Werner Hoyt (Chmn.), Mount Shasta.....	1962
Herbert Moffitt, Jr., San Francisco.....	1962
Earl J. Boehme, Los Angeles.....	1963
Frank J. Novak, Menlo Park.....	1963

Bureau of Research and Planning

Burt L. Davis, Palo Alto.....	1961
Paul D. Foster, Los Angeles.....	1961
James Powell, Stockton.....	1962
T. Eric Reynolds, Oakland.....	1962
Donald C. Harrington, Stockton.....	1963
Gerald W. Shaw (Secy.), Santa Monica.....	1963
Arlo A. Morrison, Ventura.....	1964
Francis J. Cox, San Francisco.....	1964
Lyle Craig, Pasadena.....	1965
Werner Hoyt (Chmn.), Mount Shasta.....	1965

Judicial COMMISSION

Donald A. Charnock (Chmn.), Los Angeles.....	1961
Albert E. Long, San Francisco.....	1961
Arlo A. Morrison, Ventura.....	1961
Floyd O. Due, Oakland.....	1962
Sam J. McClendon, San Diego.....	1962
Sidney Shipman, San Francisco.....	1962
Douglas Campbell, San Francisco.....	1963
W. Philip Corr, Riverside.....	1963
L. E. Wilson, Anaheim.....	1963

Finance COMMITTEE

Burt L. Davis, Palo Alto.....	1961
Paul D. Foster, Los Angeles.....	1961
J. Norman O'Neill, Los Angeles.....	1961
Ivan C. Heron (Chmn.), San Francisco.....	1961
Ralph C. Teall, Sacramento.....	1961

Special COMMITTEES

Committee on History and Obituaries

Dorothy Allen, Oakland.....	1961
James Higgins, San Diego.....	1961
Edgar F. Mauer, Los Angeles.....	1961
J. Marion Read (Chmn.), San Francisco.....	1961

Physicians' Benevolence Corporation Operating Committee

C. L. Boice, Los Altos.....	1961
Ford P. Cady, Los Angeles.....	1961
Elizabeth Mason Hohl, Los Angeles.....	1961
Don C. Musser, San Francisco.....	1961
George Wolf, Fresno.....	1961

Woman's Auxiliary Advisory Board

Warren L. Bostick, San Rafael.....	1961
Paul D. Foster, Los Angeles.....	1961
Matthew N. Hosmer, San Francisco.....	1961
Samuel R. Sherman, San Francisco.....	1961
Malcolm C. Todd, Long Beach.....	1961

Officers of Scientific Sections

Members who contemplate presentation of scientific papers should promptly address the secretary of the proper section at the address shown below. Correspondence concerning scientific exhibits should be addressed to Albert C. Daniels, M.D., Chairman of the Committee on Scientific Work, 693 Sutter Street, San Francisco 2.

Allergy

Hyman Miller.....Chairman
201 South Lasky Drive, Beverly Hills
Gardner S. Strout.....Secretary
39 North San Mateo Drive, San Mateo
Jerome J. Sievers.....Assistant Secretary
4835 Van Nuys Boulevard, Sherman Oaks

Anesthesiology

Roger W. Ridley.....Chairman
4025 Brockton Avenue, Riverside
Gilbert E. Kinyon.....Secretary
5252 Chelsea Avenue, La Jolla
Grant Fletcher.....Assistant Secretary
P.O. Box 569, Monterey

Dermatology and Syphilology

Eugene M. Farber.....Chairman
Stanford Medical Center,
Dermatology Dept., Palo Alto
Paul M. Crossland.....Secretary
1120 Montgomery Drive, Santa Rosa
Murray C. Zimmerman.....Assistant Secretary
301 East Hadley Street, Whittier

Ear, Nose and Throat

H. W. Kohlmoos.....Chairman
426 Seventeenth Street, Oakland 12
Marvin W. Simmons.....Secretary
1020 East McKinley Avenue,
P.O. Box 4003, Fresno
Henry L. Harris.....Assistant Secretary
3875 Wilshire Boulevard, Los Angeles 5

Eye

Earl H. McBain.....Chairman
1530 Fifth Avenue, San Rafael
Floyd M. Bond.....Secretary
625 Broadway, San Diego 1
Richard A. Westsmith.....Assistant Secretary
12 North El Camino Real, San Mateo

General Practice

Floyd K. Anderson.....Chairman
1233 North Vermont Avenue, Los Angeles 29
A. J. Franzl.....Secretary
3620 Army Street, San Francisco 10
A. Norton Donaldson.....Assistant Secretary
321 West Washington Street, Santa Ana

General Surgery

Philip R. Westdahl.....Chairman
490 Post Street, San Francisco 2
William P. Mikkelsen.....Secretary
1930 Wilshire Boulevard, Los Angeles 57
R. Bruce Henley.....Assistant Secretary
400 29th Street, Oakland 9

Industrial Medicine and Surgery

Robert C. Rossberg.....Chairman
1660 South Alameda, Los Angeles 21
John H. Leimbach, Jr.....Secretary
525 Golden Gate Avenue, San Francisco 1
Peter L. Hoffman.....Assistant Secretary
3533 West Pico Boulevard, Los Angeles 19

Internal Medicine

Charles D. Armstrong.....Chairman
1111 University Drive, Menlo Park
Clifford B. Cherry.....Secretary
2400 Beverly Boulevard, Los Angeles 57
Glenn A. Pope.....Assistant Secretary
2615 I Street, Sacramento 16

Obstetrics and Gynecology

John C. McDermott.....Chairman
2010 Wilshire Boulevard, Los Angeles 57
Edward F. Healey.....Secretary
711 D Street, San Rafael
Kenneth Morgan, Jr.....Assistant Secretary
2010 Wilshire Boulevard, Los Angeles 57

Orthopedics

Carl E. Horn.....Chairman
2901 Capitol Avenue, Sacramento 16
Bret W. Smart.....Secretary
2929 Summit Street, Oakland 9
Albert H. Rodi.....Assistant Secretary
2010 Wilshire Boulevard, Los Angeles 57

Pathology and Bacteriology

Robert L. Dennis.....Chairman
675 East Santa Clara Street, San Jose 14
George J. Hummer.....Secretary
1328 22nd Street, Santa Monica
Carl M. McCandless, Jr.....Assistant Secretary
St. Joseph's Hospital, Buena Vista and
Park Hill, San Francisco 17

Pediatrics

James L. Dennis.....Chairman
51st and Grove Streets, Oakland 9
Harry O. Ryan.....Secretary
194 North El Molino, Pasadena 4
R. Bruce Jessup.....Assistant Secretary
Stanford Medical Center, Pediatrics Dept.,
Palo Alto

Physical Medicine

Joseph E. Maschmeyer.....Chairman
1720 Brooklyn Avenue, Los Angeles 33
S. Malvern Dorinson.....Secretary
450 Sutter Street, San Francisco 8
Karl H. Haase.....Assistant Secretary
Wadsworth General Hospital, V.A. Center,
Los Angeles 25

Psychiatry and Neurology

Leon J. Whitsell.....Chairman
909 Hyde Street, San Francisco 9
Robert E. Wyers.....Secretary
Metropolitan Hospital, Norwalk
Mark Zeifert.....Assistant Secretary
1065 S Street, Fresno 21

Public Health

Merle E. Cosand.....Chairman
316 Mountain View Avenue, San Bernardino
Ellis D. Sox.....Secretary
101 Grove Street, San Francisco 2
Irving D. Litwack.....Assistant Secretary
2655 Pine Avenue, Long Beach 6

Radiology

Frank C. Binkley.....Chairman
635 East Union Street, Pasadena 1
John R. Bryan.....Secretary
450 Sutter Street, San Francisco 8
Robert L. Scanlan.....Assistant Secretary
2131 West Third Street, Los Angeles 57

Urology

Morrell E. Veckl.....Chairman
450 Sutter Street, San Francisco 8
Sam Peck.....Secretary
233 A Street, San Diego 1
Harold Kay.....Assistant Secretary
401 29th Street, Oakland 9

Delegates and Alternates

TO THE AMERICAN MEDICAL ASSOCIATION

DELEGATES

Henry Gibbons, III, San Francisco.....(1960-1961)	Claude P. Callaway, San Francisco
Sam J. McClendon, San Diego.....(1960-1961)	John M. Rumsey, San Diego
Eugene F. Hoffman, Los Angeles.....(1960-1961)	Gerald W. Shaw, Santa Monica
Warren L. Bostick, San Rafael.....(1960-1961)	Francis H. O'Neill, Eureka
J. B. Price, Santa Ana.....(1960-1961)	Charles Hudson, Oakland
Frank A. MacDonald, Sacramento.....(1960-1961)	J. E. Vaughan, Bakersfield
Paul D. Foster, Los Angeles.....(1960-1961)	Malcolm C. Todd, Long Beach
Donald A. Charnock, Los Angeles.....(1960-1961)	Carl M. Hadley, San Bernardino
Leopold H. Fraser, Richmond.....(1961-1962)	Hartzell H. Ray, San Mateo
Arthur A. Kirchner, Los Angeles.....(1961-1962)	James C. Doyle, Beverly Hills
Dwight L. Wilbur, San Francisco.....(1961-1962)	Francis J. Cox, San Francisco
J. Norman O'Neill, Los Angeles.....(1961-1962)	William F. Quinn, Los Angeles
J. Lefe Ludwig, Los Angeles.....(1961-1962)	Samuel R. Sherman, San Francisco
Burt L. Davis, Palo Alto.....(1961-1962)	Leon P. Fox, San Jose
Arlo A. Morrison, Ventura.....(1961-1962)	Donald D. Lum, Alameda
James E. Feldmayer, Exeter.....(1961-1962)	Ralph C. Teall, Sacramento
H. Milton Van Dyke, Long Beach.....(1961-1962)	O. W. Wheeler, Riverside

ALTERNATES

(Delegates and Alternates to the A. M. A. are elected for terms of two calendar years.
Each office is scheduled for election at the Annual Session of the second year shown above.)

Other Organizations and Medical Schools

Board of Medical Examiners of the State of California

Secretary.....Louis E. Jones, M.D.
1020 N Street, Room 536, Sacramento 14
San Francisco.....507 Polk Street, Room 306 (2)
Los Angeles.....145 South Spring Street (12)
Sacramento.....1020 N Street, Room 536 (14)

The Public Health League of California

Executive Secretary.....Ben H. Read
530 Powell Street, San Francisco 2
San Francisco.....530 Powell Street (2)
Sutter 1-8470
Los Angeles.....510 South Spring Street (13)
MAdison 6-6151

Department of Public Health of the State of California

Director.....Malcolm H. Merrill, M.D.
2151 Berkeley Way, Berkeley 4

Berkeley.....2151 Berkeley Way (4)
THornwall 3-7900
Sacramento.....631 J Street
Gilbert 2-4711
Los Angeles.....State Office Building (12)
MAdison 6-1515

Medical Schools in California

University of California School of Medicine, Medical Center, San Francisco 22. Dean: John B. DeC. M. Saunders, M.D.
Stanford University School of Medicine, 300 Pasteur Drive, Palo Alto. Dean: Robert H. Alway, M.D.
University of Southern California School of Medicine, 3551 University Avenue, Los Angeles 7. Dean: Clayton G. Loosli, M.D.
College of Medical Evangelists, School of Medicine, 1720 Brooklyn Avenue, Los Angeles 33. Dean: W. E. Macpherson, M.D.
University of California at Los Angeles, School of Medicine, Hilgard Avenue, Los Angeles 24. Dean: Stafford L. Warren, M.D.

Officers—CALIFORNIA PHYSICIANS' SERVICE—1960-61

BOARD OF *Trustees*

Chairman of the Board.....John G. Morrison
Vice-Chairman of the Board.....Paul I. Hoagland
President.....A. A. Morrison
Secretary.....Burt Davis
Assistant Secretary.....John E. Vaughan
Treasurer.....Bert Halter
Assistant Treasurer.....Gerald W. Shaw

Dudley M. Cobb, Jr.....Los Angeles
 Mr. Ransom M. Cook.....San Francisco
 Mr. Arthur L. Dahl.....Carmel
 Burt Davis*.....Palo Alto
 Dave F. Dozier.....Sacramento
 Mr. Thomas Hadfield.....San Francisco
 Bert Halter.....San Francisco
 Ivan C. Heron*.....San Francisco
 John R. Hilsabeck.....Santa Ana
 Paul I. Hoagland.....Pasadena
 Angus C. McDonald.....Huntington Park
 A. A. Morrison.....Ventura
 John G. Morrison.....San Leandro
 Rt. Rev. Msgr. T. J. O'Dwyer.....Los Angeles

Gerald W. Shaw*.....Santa Monica
 Herman H. Stone.....Riverside
 William H. Thompson.....San Mateo
 John E. Vaughan.....Bakersfield

STANDING COMMITTEES

Contract Committee:

Mr. Thomas Hadfield
 (Chairman).....San Francisco
 Dave F. Dozier.....Sacramento
 Paul I. Hoagland.....Pasadena
 Herman H. Stone.....Riverside
 W. H. Thompson.....San Mateo

Fee Schedule Committee:

Gerald W. Shaw (Chairman).....Santa Monica
 Dudley M. Cobb, Jr.....Los Angeles

John R. Hilsabeck.....Santa Ana
 Paul I. Hoagland.....Pasadena
 Herman H. Stone.....Riverside

Finance Committee:

Bert Halter (Chairman).....San Francisco
 Mr. Ransom M. Cook.....San Francisco
 Mr. Arthur L. Dahl.....Carmel
 Mr. Thomas Hadfield.....San Francisco
 Ivan C. Heron.....San Francisco
 Angus C. McDonald.....Huntington Park

Medical Policy Committee:

Dudley M. Cobb, Jr.
 (Chairman).....Los Angeles
 Paul I. Hoagland.....Pasadena
 Angus C. McDonald.....Huntington Park
 John E. Vaughan.....Bakersfield
 Bernard J. Korn†.....San Pedro
 E. E. Wadsworth, Jr.†.....Alhambra

Executive Committee:

John G. Morrison (Chairman).....San Leandro
 Dudley M. Cobb, Jr.....Los Angeles
 Mr. Thomas Hadfield.....San Francisco
 Ivan C. Heron.....San Francisco
 Bert Halter.....San Francisco
 A. A. Morrison.....Ventura
 Gerald W. Shaw.....Santa Monica

*Appointed by C.M.A. Council.

†Non-Trustee Members.

Reliable
 PROFESSIONAL LIABILITY
 INDIVIDUAL INSURANCE
with proficient defense
that cuts the cost

THE
MEDICAL PROTECTIVE COMPANY
FORT WAYNE, INDIANA

Professional Protection Exclusively since 1899

SAN FRANCISCO OFFICE: Gordon C. Jones, Representative
 23 Dellwood Court, San Rafael Telephone Glenwood 3-5140
 LOS ANGELES OFFICE: Gilbert G. Curry and Davis S. Spencer, Representatives
 Room 109, 101½ East Huntington Drive, Arcadia Telephone MUrray 1-5077
 Mailing Address: P.O. Box 543, Arcadia

Formula Diets Are Not Medically Sound

The use of complete formula diets is not a medically sound means of reducing weight, an official of the American Medical Association has said.

Philip L. White, Sc.D., secretary of the A.M.A.'s Council on Foods and Nutrition, said, "Selecting a variety of foods and controlling calorie intake to maintain the most desirable weight is the only long-term technique that has sound medical judgment behind it."

The better-grade formula diets "seem to be nutritionally complete with the exception of caloric

content," he said. Most of the products are designed to supply 900 calories daily, he said.

However, Dr. White said, "no weight-reduction program should be undertaken by any individual who is grossly overweight unless the program is carried out under medical supervision."

Only the physician is properly equipped to judge whether an overweight person should in fact reduce, he said.

"The short-term use of the 900-calorie formulas will not harm the individual who is just a teeny bit overweight," he explained. "However, such persons will achieve more satisfactory long-term results when

(Continued on Page 16)

Twin Pines

NEUROPSYCHIATRIC SANITARIUM

OPEN, VISITING AND CONSULTING STAFF

BELMONT, CALIFORNIA

ESTABLISHED 1925

In-patient services for acute and chronic emotional illnesses.

Electric shock

Insulin shock

Hydrotherapy

Psychotherapy

Occupational therapy

Out-patient services for selective cases

Attending Staff

A. T. VORIS, M.D., Medical Director

DAVID S. WILDER, M.D. • ROBERT E. JAMES, M.D.

ALEXANDER H. MILNE, M.D. • ROBERT L. MEIERS, M.D.

LYtell 1-8951

Located 22 miles south of San Francisco. Accessible to transportation.

COOK COUNTY graduate school of medicine

INTENSIVE POSTGRADUATE COURSES

STARTING DATES—WINTER-SPRING, 1961

Surgical Technic.....	Two Weeks, Feb. 20
Surgery of Colon & Rectum.....	One Week, Mar. 6
Gallbladder Surgery.....	Three Days, April 17
Surgery of Hernia.....	Three Days, April 20
General Pediatrics.....	Two Weeks, May 1
Electrocardiography & Heart Disease.....	One Week, April 17
Diagnostic Radiology.....	Two Weeks, April 3
Board of Surgery Review, Part II.....	Two Weeks, March 6
Gynecology, Office & Operative.....	One Week, Feb. 13
Vaginal Approach to Pelvic Surgery.....	One Week, Jan. 30
Obstetrics, General & Surgical.....	One Week, Feb. 6
Fractures & Traumatic Surgery.....	Two Weeks, Mar. 6
Practical Cystoscopy.....	Ten Days, by appointment
Surgery of the Hand.....	One Week, April 17
Advancements in Medicine.....	One Week, Mar. 13
Urology.....	Two Weeks, April 17

TEACHING FACULTY:

Attending Staff of Cook County Hospital

ADDRESS:

REGISTRAR, 707 South Wood Street,
Chicago 12, Illinois

"DOCTOR"

TIDI

Is Your Best Buy in
Professional Papers

EXAMINATION TABLE ROLLS

All Sizes Available

Smooth and Crepe Paper

PROFESSIONAL TOWELS

Best Quality Cellulose

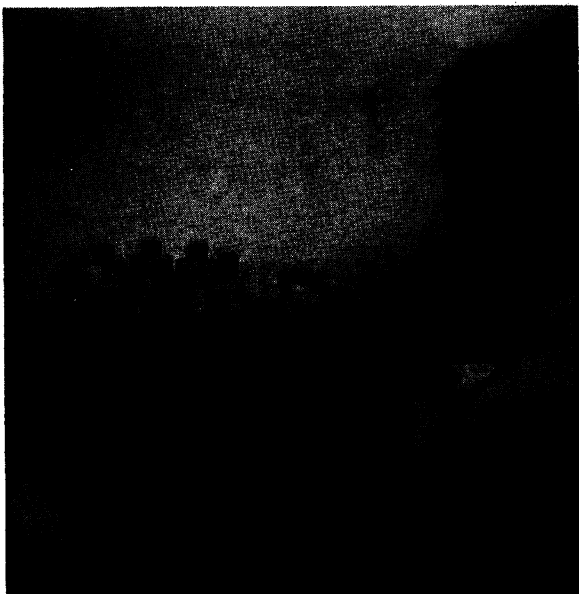
White and Green

Carried by leading supply houses
throughout the U.S.A.

Ask your Supplier for TIDI

M'd. by TIDI PRODUCTS, Pomona, California

Perform these 10 routine diagnostic procedures with the Hu-Gauge Testing Unit and get results while the patient is still in the office



This is the Hu-Gauge Diagnostic Testing Unit. It includes a 3 wave length Colorimeter (electronically controlled for dependable, reproducible results with perfect calibration), the Hu-Roto Reagent Rack and the Hu-Diagnostic Test Selector.

Using the Hu-Gauge Diagnostic Testing Unit, you get accurate results from these ten determinations:

Oxy-Hemoglobin	BSP (Liver Function)
Cyanmet-Hemoglobin	PSP (Renal Function)
Glucose	Creatinine
Cholesterol	Urine Urobilinogen
Bilirubin	Thymol Turbidity

(Other test procedure settings available)



For further information concerning the Hu-Gauge Diagnostic Testing Unit, ask for a demonstration from your medical equipment supply representative or write: Electronic Instrument Co., 2126 Sixth St., Berkeley 10, Calif.

ELECTRONIC INSTRUMENT CO.
BERKELEY, CALIFORNIA

"Serving Modern Medicine in the Field of Electronics"

Open Wringers Persist As Child Hazard

Washing machines with power-driven open wringers are a continuing hazard to children, according to an article in the Oct. 1 *Journal of the American Medical Association*.

During the six-year period ended Jan. 1, 1960, 423 children were admitted to Children's hospital, Louisville, Ky., for treatment of wringer injuries, Drs. Hugh B. Lynn and Richard C. Reed reported.

"The labor-saving device known as the washing machine with its hazardous, power-driven open wringer, has introduced the modern parent to horrors quite unknown to the primitive woman whose washday chores consisted of pounding the wash out by hand," they said.

"Despite tremendous advances in design and production of the completely automatic washer-dryer combination, many nonautomatic machines with power-driven open wringers are in use and are still being manufactured.

"It is not just the regular Monday washday that offers this hazard. Youngsters aged 2 to 6 years (the period in which these injuries most commonly occur) are apt to be house-bound and bored during bad weather on any day and at any time of the year. The fascinating rollers offer a new interest to the inquisitive child."

There is a great variation in the amount of damage a wringer can cause, the authors said. However, they said, it appears that the quicker the motor is stopped, the quicker the compression is removed and the less the damage.

"By all odds, the best treatment is preventive," they concluded. "Prevention implies an effort to perfect safeguards on electric washing machines and the education of parents to the hazards of the wringer."

The A.M.A. department of health education makes these suggestions for preventing such accidents:

—Begin a child's safety education at the age of two by using forethought and example.

—Be sure the wringer has a safety release.

—Unplug the washing machine when it is not in use and keep the cord out of reach of the children.

—Keep young children away from the washing machine when it is in use.

—Never leave a young child alone in the house, not even for a few minutes.

Formula Diets Are Not Medically Sound

(Continued from Page 12)

they develop and maintain good eating habits—then weight maintenance will no longer be a problem."

Dr. White said he did not believe that "any crash diet program has a respectable place in good family nutrition."

His comments are contained in the November issue of the A.M.A. magazine *Today's Health*.

A.M.A. Launches New Campaign to Help Public Cut Health Care Cost

The American Medical Association has announced that it is launching a "comprehensive study and action program" to guide the consumer in spending his health care dollars more wisely.

The *AMA News*, the newspaper of the medical profession, said editorially that "the program, dedicated to promoting the highest quality health care at the lowest cost, can help the consumer dramatically reduce his expenditures on health care without lowering the quality or effectiveness of it one bit."

Purpose of the campaign, part of a program announced earlier this year with the appointment of an American Medical Association Commission on Medical Care Costs, is to arm the consumer with facts in the hope that he will use them.

Purpose of the new commission on costs, the A.M.A. said, is "to find answers to the many questions being raised about medical care costs and to present the findings frankly and forthrightly to the medical profession and to the public."

Commission chairman, Dr. Louis M. Orr, Orlando, Fla., summarized the commission's attitude when he said:

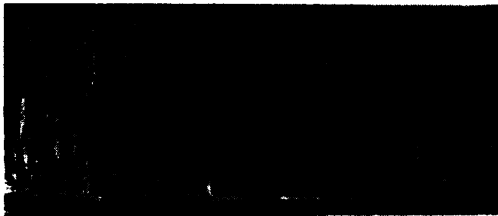
"I do not think there should be any 'sacred cows' in medical practice, or in hospitalization, when it comes to providing medical care and services. We seek the best quality, the most quantity at the lowest possible costs. Any barrier that stands in the way of this objective should be removed—immediately."

One of these barriers is the ineffectiveness of a vast number of non-prescription or over-the-counter drug products which the A.M.A. says is currently being used by the public in great quantities and at a cost running into millions of dollars annually.

The A.M.A. called upon the nation's physicians to alert the public, their patients, to the latent dangers involved in self-prescribing some of these products.

The American Medical Association said physicians also owe it to their patients to discourage them from "throwing their money out the window" on

(Continued on Page 33)



GREENS' EYE HOSPITAL

Completely equipped for the surgical and medical care of all eye, ear, nose and throat cases.

Address All Communications to the Administrator

BUSH ST. at OCTAVIA • SAN FRANCISCO • WESt 1-4300

Accredited by J.C.A.H.

For the Best Years of Their Lives



NICOZOL COMPLEX
ORIGINAL FORMULA

Ideal New Geriatric Tonic Stimulant

NICOZOL COMPLEX improves mental and physical well-being. Improves protein and calcium metabolism. A preventive agent in common degenerative changes.

DOSAGE: 1 teaspoonful (5 cc) NICOZOL COMPLEX elixir 3 times a day, preferably before meals. Female patients should follow each 21-day course with a 7-day rest interval.

FORMULA: Each 15 cc (3 teaspoonfuls) contains: Pentylene-tetrazol 150 mg., Niacin 75 mg., Methyl Testosterone 2.5 mg., Ethinyl Estradiol 0.02 mg., Thiamine Hydrochloride 6 mg., Riboflavin 3 mg., Pyridoxine Hydrochloride 6 mg., Vitamin B-12 2 mcg., Folic Acid 0.33 mg., Panthenol 5 mg., Choline Bitartrate 20 mg., Inositol 15 mg., L-Lysine Monohydrochloride 100 mg., Vitamin E (a-Tocopherol) Acetate 3 mg., Iron (as Ferric Pyrophosphate) 15 mg., Trace Minerals as: Iodine 0.05 mg., Magnesium 2 mg., Manganese 1 mg., Cobalt 0.1 mg., Zinc 1 mg., 15% Alcohol.

Write for samples and literature.

DRUG
Specialties
INC.

WINSTON-SALEM 1, N.C.



Page 669

A.M.A. Launches New Campaign to Help Public Cut Health Care Cost

(Continued from Page 32)

devices, so-called "cures," food fads, "health literature," and many other forms of quackery currently bilking the American public out of additional millions of dollars a year.

The *American Medical Association News* editorial said in part:

"The quackery, food-faddism phase of the program is a continuation of a concerted, nationwide campaign against door-to-door peddlers, self-styled health and nutrition experts, and manufacturers of useless devices and gadgets being promoted as 'cure-alls' for everything ranging from 'that tired feeling' to arthritis and cancer.

"Physicians are being asked to tell their patients the truth about vitamins, rheumatism, and arthritis remedies and other products being bought by the public and which are essentially worthless in terms of preserving health, relieving pain and suffering, and knocking out disease.

"After a three-year study on vitamin preparations, American Medical Association's Council on Foods and Nutrition said that if a healthy individual's diet contains the key food groups in sufficient amounts, nutritional supplementation is unnecessary. The council also believes the vast majority of people now using self-prescribed vitamins are enjoying that diet and that much of the estimated \$350 million a year the public spends on vitamins could better be spent on food.

"Americans spent more than \$148 million for laxatives and elimination aids in 1958, and at least 100 million persons have become addicted to unnatural elimination aids, Dr. Charles W. Hock, Augusta, Ga., wrote in the current issue of *Today's Health*. He warned of the dangers of self-medication and said the public should be advised 'to leave their digestive and elimination systems alone.'

"More than \$68,000,000 is spent annually on aspirins and much of this expenditure also is unnecessary.

"Arthritis and rheumatism patients are spending over \$250 million a year on uranium-ore pads, super aspirin, alcohol and herb roots, and other nostrums and devices offered with misleadingly implied benefits. Many of these products are outright quackery. Yet it is estimated that one out of every two arthritis victims still listens to these charlatans, buys their products, and wastes his money. . . .

"The average American family now spends about \$18 a month on non-prescription or over-the-counter products. While these drugs are safe for unsupervised use in most cases, many of them actually bring little benefit from a health standpoint and, for the most part, represent dollars wasted.

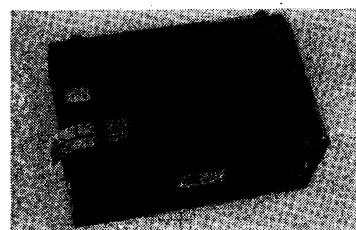
"The goal of the American Medical Association program is a higher quality of health care for a greater number of people at a lower cost."



WITH SPECIALLY
DESIGNED CARRIAGE
FOR MOBILE USE

CAMBRIDGE
VERSA-SCRIBE
Electrocardiograph
Model VSM (mobile).

VERSA-SCRIBE
Electrocardio-
graph Model VS
(portable).



The "Versa-Scribe" fits snugly into a container which is an integral part of the all-metal carriage . . . no wobbling, nor danger of instrument falling off.

Quiet, widely spaced casters provide an unusually stable stand. Permits easy movement in tight spaces . . . ample storage compartment for accessories.

The "Versa-Scribe" can be easily and quickly removed and inserted into conventional carrying case for use as a portable instrument.

The new "Versa-Scribe" Direct Writer provides dual paper speed, especially valuable in measuring time intervals.

Now more than ever is the Cambridge "Versa-Scribe" the Electrocardiograph of choice.

CAMBRIDGE INSTRUMENT CO., Inc.
Graybar Bldg., 420 Lexington Ave., New York 17, N. Y.

Cleveland 2, Ohio, 8419 Lake Avenue
Detroit 37, Mich., 13730 W. Eight Mile Rd.
Oak Park, Ill., 6605 West North Avenue
Jenkintown, Pa., 479 Old York Road
Silver Spring, Md., 933 Gist Avenue
In Los Angeles: Keleket X-Ray Sales of L.A.
2212 Beverly Boulevard, DU 2-7373

In San Francisco: Pacific X-Ray Co., 341 Hayes St., MA 1-4556

CAMBRIDGE
DIAGNOSTIC INSTRUMENTS

Salk Vaccine More Effective With DTP Shot

Salk polio vaccine has been found to be more effective when given with diphtheria, tetanus, and pertussis vaccines in a combined injection.

A study of the polio-diphtheria-tetanus-pertussis vaccine (Compligen) was reported by researchers at Pitman-Moore Co., Division of Allied Laboratories, Zionsville, Ind., in the October 29 issue of the *Journal of the American Medical Association*.

The study involved 192 children, ranging in age from one month to six years. It was designed to determine the merits of combining the polio shot with the successfully tested diphtheria-tetanus-pertussis (DTP) shot.

The polio antibody response, i.e., the bodily resistance built up by the vaccine, was "significantly greater" with the combined vaccine than with the Salk vaccine alone, the authors said.

The diphtheria antibody response to the combined vaccine also was "significantly higher" than it was to the DTP vaccine, they said.

However, the tetanus and pertussis responses were "essentially the same" to both the DTP and the polio-DTP vaccines, they added.

The children were given a course of vaccinations consisting of three injections at approximately one-month intervals, the authors explained. This sched-

(Continued on Page 60)

Compton Sanitarium

820 West Compton Boulevard
COMPTON, CALIFORNIA
NE 6-1185 NE 1-1148

G. CRESWELL BURNS, M.D.
Medical Director

HELEN RISLOW BURNS, M.D.
Assistant Medical Director

MEMBER OF
American Hospital Association and
National Association of Private Psychiatric Hospitals
High Standards of Psychiatric Treatment
..... *Serving the Los Angeles Area*



Fully Approved by Central Inspection Board of APA

Accredited by
Joint Commission on Accreditation of Hospitals



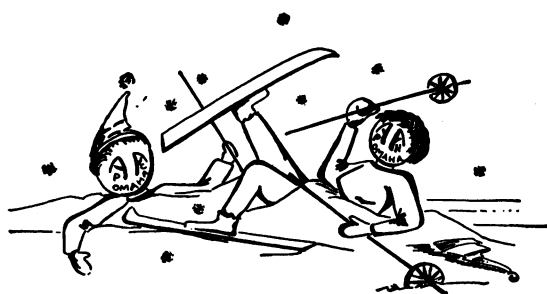
STATE HOSPITALS

have openings for physicians interested in practicing in psychiatric settings

Professionally broadening opportunities to do research, diagnosis, and treatment. Several locations. Good salaries; retirement plan and other employee benefits. No written examinations. Interviews in San Francisco and Los Angeles twice monthly.

Apply to:

Medical Personnel Services, Dept. SS
State Personnel Board
801 Capitol Avenue, Sacramento 14, California



Protection against loss of income from accidents and sickness as well as hospital expense benefits for you and all your eligible dependents.



PHYSICIANS CASUALTY & HEALTH ASSOCIATIONS

OMAHA 31, NEBRASKA

Since 1902

Handsome Professional Appointment Book Sent to You FREE Upon Request

APPLICATION FOR HOUSING ACCOMMODATIONS

FOR YOUR CONVENIENCE in making hotel reservations for the coming meeting of the **California Medical Association**, April 30*-May 3, 1961, Los Angeles, hotels and their rates are at the right. Use the form at the bottom of this page, indicating your first and second choice. Because of the limited number of single rooms available, your chance of securing accommodations of your choice will be better if your request calls for rooms to be occupied by two or more persons. **All requests for reservations must give definite date and hour of arrival as well as definite date and approximate hour of departure; also names and addresses of all occupants of hotel rooms must be included.**

Ninetieth Annual Session CALIFORNIA MEDICAL ASSOCIATION Los Angeles, California APRIL 30*-MAY 3, 1961

HOTEL ROOM RATES†

	Single	Twin Beds	Suites
AMBASSADOR HOTEL			
3400 Wilshire Boulevard			
Main Building	14.00-24.00	18.00-28.00	40.00-58.00
Garden Studios	22.00-34.00	24.00-36.00	54.00-66.00
CHAPMAN PARK HOTEL			
3405 Wilshire Boulevard.....	10.00-11.00	14.00-16.00	20.00-28.00
Bungalows		18.00	25.00-28.00
THE GAYLORD HOTEL			
3355 Wilshire Boulevard.....	9.00-10.00	12.00-15.00	Single: 25.00 Double: 35.00
HOTEL CHANCELLOR			
3191 West Seventh Street....	8.00-10.00	12.00	
SHERATON-WEST (formerly Sheraton-Town House)			
2961 Wilshire Boulevard.....	12.50-20.00	17.50	34.00

ALL RESERVATIONS MUST BE RECEIVED BEFORE: APRIL 1, 1961

*April 29: House of Delegates will start with afternoon meeting Saturday, April 29.

†The above quoted rates are existing rates but are subject to any change which may be made in the future.

CALIFORNIA MEDICAL ASSOCIATION—Dept. 74
693 Sutter Street
San Francisco 2, California

Please reserve the following accommodations for the 90th Annual Session of the California Medical Association, in Los Angeles April 30-May 3, 1961. (House of Delegates members: First meeting of House begins Saturday afternoon, April 29.)

Single Room \$..... Twin-Bedded Room \$.....

Small Suite \$..... Large Suite \$..... Other Type of Room \$.....

First Choice Hotel..... Second Choice Hotel.....

ARRIVING AT HOTEL (date):..... Hour:..... A.M. P.M. { Hotel reservations will be held until
Leaving (date) Hour:..... A.M. P.M. { 6:00 p.m., unless otherwise notified

THE NAME OF EACH HOTEL GUEST MUST BE LISTED. Therefore, please include the names of both persons for each twin-bedded room requested. Names and addresses of all persons for whom you are requesting reservations and who will occupy the rooms asked for:

Individual Requesting Reservations—Please print or type

Name.....

Address.....

Officer?..... Delegate?..... Alternate?.....

County.....

City and State.....

California M E D I C I N E

OFFICIAL JOURNAL OF THE CALIFORNIA MEDICAL ASSOCIATION

© 1961, by the California Medical Association

Volume 94

JANUARY 1961

Number 1

Portacaval Shunt in Patients with Cirrhosis

After-Effects of the Operation

JOHN A. BENSON, JR., M.D., Portland, Oregon

BEFORE DISCUSSING some of the empirical results in patients with chronic liver disease upon whom such shunting operation has been performed, I would like to enumerate some of the physiologic events which can be expected. If one creates in dogs a side-to-side anastomosis between the portal vein and the inferior vena cava below the liver (Figure 1A), the only impaired function which can be measured is that of regeneration of liver tissue after partial hepatectomy. If one then ligates the portal vein on the liver's side of the portacaval anastomosis (Figure 1B), thereby creating an Eck fistula, further changes ensue. (Such an Eck fistula is duplicated in humans, incidentally, by a standard end-to-side anastomosis (Figure 1C) between the portal vein and the inferior vena cava.) Animals that have had these operations undergo gradual atrophy of the liver. After some delay a progressive episodic stuporous condition, which has been called "meat intoxication," begins. This occurs whether or not meat is present in the diet and seems to be more clearly related to constipating diets. Protection of such dogs from the "meat intoxication" of an Eck fistula can be afforded by gradual occlusion of the portal vein below the fistula (Figure 1D). Complete recovery from the symptoms of Eck fistula is also effected if the

• The subject of the indications for operation for portacaval shunt bristles with problems to which a satisfactory answer cannot yet be given. I have discussed those events which supervene after a portacaval shunt which, in the present state of knowledge, has been directed as proper and well-intentioned therapy. It is against the knowledge of such post-shunt events and the complexity of their management, as well as the success of the operation and the risk of mortality, that one must balance the indications for surgery. This is particularly pertinent to the application of prophylactic shunt surgery now under consideration.

vena cava above the portacaval anastomosis is occluded (Figure 1E). Bollman² speculated that the common denominator here is prevention of pulse waves from the right heart down through the anastomosis and portal system to the intestines.

Portacaval anastomosis halves the blood flow through the liver of animals.³ Perhaps because the terminal parenchyma along the vascular system is quite hypoxic, tests of liver function show impairment after portacaval anastomosis. For example, the by-passed liver can then clear only one-third as much bromsulphalein each minute as the liver of a normal animal can. Furthermore, there is a decreased output of glucose by the liver after stimulation with insulin. Whipple,¹⁴ using Eck fistula preparations, found that production of bile salts was

From the Gastroenterology Division, Department of Medicine, University of Oregon Medical School, Portland, Oregon.

Presented at a medical symposium on diseases of the abdomen, dedicated to the late Albert M. Snell, M.D., at the Palo Alto Medical Clinic, April 23, 1960.

Submitted June 29, 1960.

EDITORIAL

C. P. S. - Blue Shield

CALIFORNIA PHYSICIANS' SERVICE was put together more than twenty years ago by a dedicated group of physicians who saw in the depression-bound 30's that the provision of medical services was becoming, in the minds of the people, a necessity which must be made to conform with family budgeting procedures.

In the twenty years since its founding C.P.S. has not only proved its ability to fulfill its original purpose but has demonstrated its ability and flexibility under a variety of circumstances which enable it to serve the people and the medical profession alike.

It has handled the home-town medical care problem of the Veterans' Administration for more than 13 years. It has handled the Medicare program for the dependents of service personnel since the inception of that program. It has served as fiscal agent for public welfare programs in the majority of the counties of the state. It has served as fiscal agent and underwriter for some of the local medical care programs embraced by foundations for medical care in several of the counties.

Most recently C.P.S. has emerged as the program of choice for 100,000 Californians who are federal employees and who chose the Blue Shield concept as their preferred method of providing medical and hospital care for themselves and their families.

In addition, C.P.S. has produced a medical care plan for the aged and has pioneered in a variety of empirical experiments in fields covering mental health, the aged, in-patient services and other areas.

Throughout this experience, C.P.S. has acted under the direct authority and control of the physicians of the state as represented in the House of Delegates of the California Medical Association. Its policies and directives emanate from the same body of representatives that sets policies for the 17,000 plus physicians who make up the state association.

To carry out these policies and directives, C.P.S. is managed by a Board of Trustees which includes

both physicians and lay members. The physician members of the board are elected by the C.M.A. House of Delegates, with the exception of three who are named by the C.M.A. Council from its own membership. These Councilors also are elected by the House of Delegates. The lay members of the board are chosen from the business, public and religious interests of the people of California and are subject to confirmation by the House of Delegates. It is noteworthy that these lay members have consistently been executives who enjoy a high standing in their own fields of endeavor and who are willing to contribute their time and talents as a service to the public.

Today, after two decades of experience, C.P.S. would appear to be prepared to meet all challenges and to provide all services that are in the public interest, that recognize the needs and practices of its physician members and that are actuarially sound.

In spite of this apparent position, however, we find C.P.S. beset with a number of problems which a knowledgeable observer might have expected to see solved some years back.

Details need not be gone into here, but it is obvious that many of the problems of C.P.S. stem from its owners, the physicians. Some physicians have never approved of the interjection of a third party—even their own organization—into the normal physician-patient relationship. Some have never agreed that the service principle, under which the subscriber whose income is below an established level is provided professional services rather than dollars, is a good thing. And some physicians just don't want to be bothered. One measure of the general attitude of physicians, however, is that some 14,500 of them are C.P.S. members.

Many of these physicians, of course, interpret the service concept of medical care in terms of their own practices and activities. And many of them may be suspect of ignoring or failing to keep pace with

California MEDICAL ASSOCIATION

NOTICES & REPORTS

County Society Officers

A Meeting on

The Challenge to Private Practice

A DAY-AND-A-HALF long conference of officers of county medical societies in California on various aspects of "The Challenge to the Private Practice of Medicine" will be held at the Biltmore Hotel, Los Angeles, February 11 and 12. Besides the component society representatives, all others interested are welcome to attend.

Sponsored by the California Medical Association, the conference will be addressed by outstanding speakers on medical economics, insurance plans, governmental medical care programs, medical care plans of trade unions, and legislative prospects. It will serve also for the indoctrination and instruction of the county society officers as to the relationship of the component societies to the functions and programs of the state association.

The program for the meeting, which is to last all day Saturday, February 11, and Sunday forenoon, follows:

SATURDAY

9:00—Registration.

9:30—Welcome; Format of Conference; Introduction of Chairman—Paul D. Foster, M.D., President.

PANEL NO. 1

Trends in the Future of Private Practice

Moderator: Malcolm C. Todd, M.D.,
Councilor, Third District

9:45—PROFESSOR WALTER J. MCNERNEY, Director, Program in Hospital Administration, School of Business Administration, University of Michigan, Ann Arbor, Michigan.

10:15—JOHN TOMAYKO, Director, Insurance, Pensions and Unemployment Benefits Department United Steelworkers of America, Pittsburgh, Penn.

10:45—CHARLES E. THOMPSON, M.D., Medical Consultant, Chicago Truck Drivers, Chauffeurs and Helpers Union of Chicago and Vicinity (Independent), Chicago, Illinois.

11:15—ROGER O. ECEBERG, M.D., Director, Los Angeles Department of Charities; Chairman, Governor's Committee on the Study of Medical Aid and Health.

11:45—Questions.

12:30—Luncheon. DONALD H. STUBBS, M.D., Chairman, Board of Directors, National Association of Blue Shield Plans, Washington, D. C.

PANEL NO. 2

Trends in the Future of Voluntary Health Insurance

2:30—Moderator: Donald C. Harrington, M.D., Chairman, Commission on Medical Services.

2:40—MRS. AGNES W. BREWSTER, Medical Economist, Division of Public Health Methods, Public Health Service, U. S. Department of Health, Education and Welfare, Washington, D. C.

3:10—JOSEPH F. FOLLMANN, JR., Director of Information and Research, Health Insurance Association of America, New York.

3:40—JAMES BRINDLE, Director, Social Security Department, United Auto Workers, Detroit, Michigan.

4:10—ODIN ANDERSON, Ph.D., Research Director, Health Information Foundation, New York.

4:40—Questions.

SUNDAY

PANEL NO. 3

Government in Medical Care

9:00—Moderator: Samuel R. Sherman, M.D., Chairman of the Council.

PAUL D. FOSTER, M.D. President
WARREN L. BOSTICK, M.D. President-Elect
JAMES C. DOYLE, M.D. Speaker
IVAN C. HERON, M.D. Vice-Speaker
SAMUEL R. SHERMAN, M.D. . . . Chairman of the Council
RALPH C. TEALL, M.D. . . . Vice-Chairman of the Council
MATTHEW N. HOSMER, M.D. Secretary
DWIGHT L. WILBUR, M.D. Editor
HOWARD HASSARD Executive Director
JOHN HUNTON Executive Secretary
General Office, 693 Sutter Street, San Francisco 2 • Prospect 6-9400
ED CLANCY Director of Public Relations

Southern California Office:

2975 Wilshire Boulevard, Los Angeles 5 • DUnkirk 5-2341

1961

*For complete program
see March issue*

Annual Session

AMBASSADOR HOTEL • LOS ANGELES

APRIL 30 to MAY 3

- ★ Five Outstanding Guest Speakers
- ★ General Scientific Meetings
- ★ Specialty Scientific Meetings
- ★ Postgraduate Courses
- ★ Medical Motion Picture Symposia
- ★ Technical Exhibits • Scientific Exhibits
- ★ Presidents' Dinner Dance
Sunday, April 30 • Cocoanut Grove
- ★ House of Delegates
Opening Session Saturday, 2:00 p.m., April 29
Sunday, April 30, Tuesday Afternoon, May 2, and Wednesday, May 3
- ★ Registration Daily
8:30 a.m. to 5:00 p.m. . . . No Registration Fee

PLEASE MAKE HOTEL ROOM RESERVATIONS ONLY THROUGH C.M.A. OFFICE
IN SAN FRANCISCO. USE RESERVATION REQUEST FORM ON PAGE 47.

C.M.A. ANNUAL MEETING—1961

SCIENTIFIC SESSIONS

LOCATION AMBASSADOR HOTEL (Lobby Floor)	SUNDAY APRIL 30		MONDAY MAY 1		TUESDAY MAY 2		WEDNESDAY MAY 3	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Embassy Room	9:30 a.m.† House of Delegates †See note below for Opening Session	2 p.m. General Meeting Inflammatory Diseases of the Colon	9 a.m. General Meeting Diagnostic Methods of Gastroenterology		9 a.m. General Meeting Five Guests Five Topics	House of Delegates	House of Delegates	
West Venetian Room	9 a.m. Internal Medicine	2 p.m. Film Symposium	9 a.m. Film Symposium	2 p.m. & 8 p.m. Film Symposia	9 a.m. Film Symposium	2 p.m. & 8 p.m. Film Symposia	9 a.m. Film Symposium	2 p.m. Film Symposium
East Venetian Room	9 a.m. Pathology					2 p.m. Industrial Medicine Physical Medicine General Practice	2 p.m. Public Health	
Regency Room	9 a.m. Obstetrics and Gynecology	2 p.m. Eye Anesthesiology		2 p.m. Anesthesiology		2 p.m. Obstetrics and Gynecology Anesthesiology	9 a.m. Neurology	2 p.m. Psychiatry
Grove Lounge	9 a.m. Dermatology	2 p.m. Ear, Nose, Throat					9 a.m. Urology	2 p.m. Urology
Lido Room	9 a.m. Radiology	2 p.m. Radiology			9 a.m. Physical Medicine			2 p.m. Internal Medicine
Colonial Room	9 a.m. General Surgery					2 p.m. Disaster Medical Care		
Rose Room	9 a.m. Orthopedics							
(Casino Floor) Oval Room A	9 a.m. Allergy	12 noon Allergy Luncheon and Business Meeting						2 p.m. Pediatrics
WHITE MEMORIAL HOSPITAL	9 a.m.* (Bus at 8 a.m.*) Postgraduate Course C.M.E.			2 p.m.* (Bus at 1 p.m.*) Postgraduate Course C.M.E.		2 p.m.* (Bus at 1 p.m.*) Postgraduate Course C.M.E.		
L. A. COUNTY HOSPITAL (Starts Saturday)	9 a.m.* (Bus at 8 a.m.*) Postgraduate Courses U.S.C.	2 p.m. (No bus) P.G. Course—Cardiac Resuscitation—U.S.C.						

*Buses will leave Ambassador Hotel, Wilshire Entrance, U.S.C. and U.C.L.A. Courses will start on Saturday.

†Opening meeting, House of Delegates, 2:00 p.m., Saturday, April 29.

TECHNICAL EXHIBITS—Sunset Room, Ballroom and Boulevard Room, Casino Floor.
SCIENTIFIC EXHIBITS—Lido Patio, Lobby Floor.
COUNCIL OF THE C.M.A. MEETS DAILY AT 7:30 A.M. IN THE FRENCHETTE ROOM.

4 POSTGRADUATE COURSES

C.M.A. ANNUAL SESSION • April 29–May 3, 1961 • Los Angeles

THE CALIFORNIA MEDICAL ASSOCIATION in cooperation with the Medical Schools of UNIVERSITY OF SOUTHERN CALIFORNIA and COLLEGE OF MEDICAL EVANGELISTS, will present four Postgraduate Courses at the time of the Annual Session in April. These courses will be clinically oriented and will include case presentations.

Choose the course which most interests you, follow the course, and the 1961 session will send you back to your practice stimulated and refreshed.

Look for the program giving complete details which will arrive in your office in March.

• By COLLEGE OF MEDICAL EVANGELISTS

Clinical Neurology—9 hours

Time: Sunday, April 30, 9:00 a.m.† to 12:00 noon; Monday and Tuesday, May 1 and 2, 2:00 p.m.† to 5:00 p.m.

Place: White Memorial Hospital.

Fee: \$25.00

• By UNIVERSITY OF SOUTHERN CALIFORNIA

Uses and Limitations of Laboratory Tests—9 hours

Time: Saturday, April 29, 9:00 a.m.† to 12:00 noon; 2:00 p.m.† to 5:00 p.m.; Sunday, April 30, 9:00 a.m.† to 12:00 noon.

Place: Los Angeles County Hospital.

Fee: \$25.00

Office Gynecology—9 hours

Time: Saturday, April 29, 9:00 a.m.† to 12:00 noon; 2:00 p.m.† to 5:00 p.m.; Sunday, April 30, 9:00 a.m.† to 12:00 noon.

Place: Los Angeles County Hospital.

Fee: \$25.00

Cardiac Resuscitation—2 hours

SECTION I*—Saturday, April 29, 2:00 p.m.† to 4:00 p.m.

SECTION II*—Sunday, April 30, 2:00 p.m.† to 4:00 p.m.

Place: Los Angeles County Hospital.

Fee: \$30.00

*Each Section is all-inclusive. Each Section is limited to 15 registrants from areas other than San Francisco or Los Angeles.

†† Bus transportation is provided to reach the courses at the times marked with a dagger (†), but not for the times marked with a double dagger (††). The buses will leave the Ambassador Hotel, Wilshire entrance, at 8:00 a.m., for the courses that begin in the mornings, and at 1:00 p.m. for the courses that begin in the afternoons.

APPLICATION FOR ENROLLMENT

Mail to: POSTGRADUATE ACTIVITIES, CALIFORNIA MEDICAL ASSOCIATION
2975 Wilshire Boulevard, Los Angeles 5, California

With check or money order in the amount of \$_____ made payable to California Medical Association

Name _____

Address _____

I am in General Practice _____ I limit my practice to _____

Medical School Attended _____ Year of Graduation _____

Please enroll me in the course indicated by ✓.

- ☐ 1. Clinical Neurology (9-hour course, Sunday morning; Monday and Tuesday afternoons)—\$25.00
- ☐ 2. Uses and Limitations of Laboratory Tests (9-hour course, Saturday, all day; Sunday morning)—\$25.00

- ☐ 3. Office Gynecology (9-hour course, Saturday, all day; Sunday morning)—\$25.00
- ☐ 4a. Cardiac Resuscitation—Section I—Saturday afternoon—\$30.00
- ☐ 4b. Cardiac Resuscitation—Section II—Sunday afternoon—\$30.00

APPLICATION FOR HOUSING ACCOMMODATIONS

FOR YOUR CONVENIENCE in making hotel reservations for the coming meeting of the **California Medical Association**, April 30*-May 3, 1961, Los Angeles, hotels and their rates are at the right. Use the form at the bottom of this page, indicating your first and second choice. Because of the limited number of single rooms available, your chance of securing accommodations of your choice will be better if your request calls for rooms to be occupied by two or more persons. **All requests for reservations must give definite date and hour of arrival as well as definite date and approximate hour of departure; also names and addresses of all occupants of hotel rooms must be included.**

Ninetieth Annual Session CALIFORNIA MEDICAL ASSOCIATION Los Angeles, California APRIL 30*-MAY 3, 1961

HOTEL ROOM RATES†

	Single	Twin Beds	Suites
AMBASSADOR HOTEL			
3400 Wilshire Boulevard			
Main Building	14.00-24.00	18.00-28.00	40.00-58.00
Garden Studios	22.00-34.00	24.00-36.00	54.00-66.00
CHAPMAN PARK HOTEL			
3405 Wilshire Boulevard.....	10.00-11.00	14.00-16.00	20.00-28.00
Bungalows		18.00	25.00-28.00
THE GAYLORD HOTEL			
3355 Wilshire Boulevard.....	9.00-10.00	12.00-15.00	Single: 25.00 Double: 35.00
HOTEL CHANCELLOR			
3191 West Seventh Street....	8.00-10.00	12.00	
SHERATON-WEST (formerly Sheraton-Town House)			
2961 Wilshire Boulevard.....	12.50-20.00	17.50	34.00

ALL RESERVATIONS MUST BE RECEIVED BEFORE: APRIL 1, 1961

*April 29: House of Delegates will start with afternoon meeting Saturday, April 29.

†The above quoted rates are existing rates but are subject to any change which may be made in the future.

CALIFORNIA MEDICAL ASSOCIATION—Dept. 74

693 Sutter Street

San Francisco 2, California

Please reserve the following accommodations for the 90th Annual Session of the California Medical Association, in Los Angeles April 30-May 3, 1961. (House of Delegates members: First meeting of House begins Saturday afternoon, April 29.)

Single Room \$..... Twin-Bedded Room \$.....

Small Suite \$..... Large Suite \$..... Other Type of Room \$.....

First Choice Hotel..... Second Choice Hotel.....

ARRIVING AT HOTEL (date):..... Hour:..... A.M. P.M. { Hotel reservations will be held until
Leaving (date) Hour:..... A.M. P.M. { 6:00 p.m., unless otherwise notified

THE NAME OF EACH HOTEL GUEST MUST BE LISTED. Therefore, please include the names of both persons for each twin-bedded room requested. Names and addresses of all persons for whom you are requesting reservations and who will occupy the rooms asked for:

Individual Requesting Reservations—Please print or type

Name.....

Address.....

Officer?..... Delegate?..... Alternate?.....

County.....

City and State.....

Salk Vaccine More Effective With DTP Shot

(Continued from Page 38)

ule was adopted because it is recommended for primary immunization with the DTP vaccine.

For comparative purposes, the polio vaccine was administered according to the same schedule. Therefore, it was considered as a primary vaccination since it is generally acknowledged that polio immunization should not be considered complete until a reinforcing dose is given six months after the first series of injections.

The effectiveness of the vaccines was based on the level of antibodies in blood specimens taken before and after the injections.

The article was written by D. E. Bordt, Ph.D.; Joseph W. Whalen, Ph.D.; Philip A. Boyer, M.D.; A. R. Pursell, B.S., and Francis P. Staffieri, B.S.

Studies Support Immunity Theory In Infectious Hepatitis

Studies reported today support the theory that immunization against infectious hepatitis may be achieved with gamma globulin.

The studies were reported by Drs. Saul Krugman, Robert Ward, Joan P. Giles, and A. Milton Jacobs of New York City in the Oct. 15 *Journal of the American Medical Association*.

The results indicated that gamma globulin was able to suppress the symptoms of hepatitis, mainly jaundice, although it did not prevent infection by the hepatitis virus.

"Measles, modified by gamma globulin, is the obvious parallel to be drawn," the *Journal* commented editorially. "If it can be shown that 'modified hepatitis,' i.e., without jaundice, is as benign as modified measles and is also followed in most cases by immunity, then this method of artificial active immunization against infectious hepatitis should be recommended."

Infectious hepatitis is caused by a virus entering the body through the mouth, nose, or throat. The onset usually is sudden with chills, fever, nausea, diarrhea, and in a few days, jaundice.

The studies were conducted at a children's institution, the Willowbrook State School, Staten Island, N. Y., where the incidence of hepatitis was high.

One study showed a 30-fold decrease in the incidence of hepatitis with jaundice for a five-month period following inoculation with gamma globulin.

In another study of a small group, it was found that infectious hepatitis occurred among children inoculated with gamma globulin although no symptoms of the disease were apparent. A larger group must be studied to determine the accurate incidence of hepatitis without symptoms following gamma globulin inoculation, the researchers said.

... MALNUTRITION OR LEG CRAMPS DURING PREGNANCY? OUTMODED AS GODEY'S FASHIONS!



1. Oyster Shell Calcium - Phosphorus Free!
2. New Form of Iron!
3. Dry Filled Capsule - Sure, Quick Absorption!
4. Economical Once-A-Day Dosage!
5. Wider Range Nutritional Support!
6. Relieves Troublesome Leg Cramps!

EACH dry filled capsule (lavender and white) provides:

Ferrus Fumarate (Iron)	150 mg.
Deep sea oyster shell (Calcium)	600 mg.
Vitamin C	50 mg.
Vitamin A	4000 USP Units
Vitamin D	400 USP Units
Vitamin B-1	2 mg.
Vitamin B-2	2 mg.
Vitamin B-6	0.5 mg.

Vitamin B-12 (Cobalamin conc. NF)	2 mcg.
Folic Acid	0.25 mg.
Niacinamide	10 mg.
Vitamin K (Menadiolone)	0.25 mg.
Rutin	10 mg.
Sodium Molybdate	3 mg.
Fluorine (Calcium Fluoride)	0.25 mg.
Iodine (Potassium Iodide)	0.15 mg.

SAMPLES ON REQUEST

..... **TUTAG**
S. J. TUTAG & CO.
 DETROIT 34, MICHIGAN



Goiter Should Not Cause Cancer Fear

Goiter is a "benign process" that should not be feared as a sign of cancer of the thyroid, according to three Boston physicians.

A report based on an analysis of 230 patients with simple goiter is contained in the Oct. 1 *Journal of the American Medical Association*.

The patients were observed for periods of many months or several years between 1945 and 1958. They were treated with thyroid hormone.

Goiter is an enlargement of the thyroid gland located in the throat most often caused by an excess secretion of the hormone known as thyrotropin by the pituitary gland located in the head. The thyroid hormone inhibits the production of thyrotropin.

The study showed that about one-third of the goiters completely regressed, one-third were reduced in size, and the remainder changed little or not at all. Surgery was performed in only two patients.

"These observations give further confirmation to the effectiveness of thyroid in the treatment of simple goiter," the authors said.

"In recent times this form of treatment has usually been greeted with skepticism and, since the wave of concern regarding the possibility that goiter or nodules may herald thyroid cancer, has been considered actually to be dangerous.

"In the long experience covered by this study and the larger experience with patients cared for by their

own physicians, there has been no instance of a further growth of a goiter or of a nodule after thyroid therapy was instituted in effective dosage.

"The consistent finding that thyroid nodules and simple goiter are reduced in size or disappear in about two-thirds of cases when thyroid is given makes it safe to conclude that goiter is a benign process.

"The observation that further enlargement did not occur in any case strengthens the view that fear of carcinoma [cancer] of the thyroid, so prevalent in the United States, has little basis in fact."

The article was written by Drs. E. B. Astwood, Carl E. Cassidy, and G. D. Aurbach. Drs. Astwood and Cassidy are associated with the New England Center Hospital and Tufts University School of Medicine. Dr. Aurbach is now at the National Institutes of Health, Bethesda, Md.

Babies Under Three Months Should Be Upright When Bottle-Fed

Babies should be bottle-fed in an upright position during the first three months of life to prevent an infection of the ear.

"A supine position of an infant while bottle feeding is a predisposing factor in inflammations of the middle ear cleft," according to an article in the October *Archives of Otolaryngology*, published by the American Medical Association.

Dr. R. Bruce Duncan of Wellington, N.Z., author of the article, said milk had been found in the cleft, or cavity, of the middle ear in such cases.

This results from a sudden gush of milk from the bottle which the baby cannot always prevent from entering the postnasal space and nose, he explained. This problem persists because no bottle-nipple combination has yet been devised that can adapt perfectly to the infant's needs, he said.

On the other hand, he added, a mother's breast is adaptable and it is uncommon to hear of, or observe, this ear infection in a totally breast-fed baby.

Dr. Duncan said he believed ear infections caused by milk are "a frequent type" of middle ear infections in bottle-fed infants.

"Reflux of milk into the postnasal space can occur in any position in which the child is held, but this is probably a very minor cause of middle ear inflammation when the upright position is used," he said.

Upright bottle-feeding was recommended for:

- Babies up to the age of three months.
- All infants in hospitals.
- All premature infants.
- When a baby's nose is blocked by allergy, bacterial, or virus infection.
- When an older child has had an inflammation of the middle ear.

Dr. Duncan based his recommendations on a survey of 242 babies.

RALEIGH HILLS HOSPITAL*

Member of the American Hospital Association
Recognized by the American Medical Association

**EXCLUSIVELY for the TREATMENT of
ALCOHOL ADDICTION**
by Conditioned Reflex and Adjuvant Methods

MEDICAL STAFF:

John R. Montague, M.D. Merle M. Kurtz, M.D.
Norris H. Perkins, M.D.
John W. Evans, M.D., Consulting Psychiatrist

RALEIGH HILLS HOSPITAL

Larree A. Haydon, Administrator
6050 S.W. Old Scholls Ferry Road
Portland 7, Oregon
Mailing Address: P. O. Box 366
Telephone: CYpress 2-2641

*FORMERLY RALEIGH HILLS SANITARIUM, INC.

Suntan Pills Should Be Used Solely for Medical Reasons

Suntan pills should be used solely for medical reasons, according to three Boston dermatologists.

Drs. J. Donald Imbrie, Lester L. Bergeron, and Thomas B. Fitzpatrick reported on pills containing the drug methoxsalen in the October *Archives of Dermatology*, published by the American Medical Association.

They said they found in a study of 40 persons that "methoxsalen increases the suntanning response in normal men and women."

"No unpleasant side-effects or severe burning occurred in our subjects because all subjects followed

a sun exposure guide," they pointed out. "This guide suggests graduated increments of solar exposure."

The authors stressed that methoxsalen is not a cosmetic but a potent drug to be used under the direction of a physician.

"There is now enough evidence to make a claim that methoxsalen can accomplish an increase in solar tolerance," they said.

"Methoxsalen is advocated as an orally administered drug to increase the tolerance of skin to sunlight in individuals who do not have adequate natural protective mechanisms.

"We urge that methoxsalen be given only to patients who understand its indications and hazards and for a medical (not cosmetic) indication."

Methoxsalen, introduced in 1953, enhances the dark color in the skin. Oral administration of the drug decreases the redness of the skin resulting from the sun's rays. But application to the skin increases this reaction.

LADY LOIS DIABETIC-DIETETIC ICE CREAM

non-sucrose—low sodium

Based on research and formula perfected at University of California, Davis

100 GRAM PORTION

Approx. Caloric Value	Composition
Sodium (Na).....0.57%
Protein.....26.00 calories6%
Stabilizer (pure).....90.00 "10%
Carbohydrate.....
Milk Sugar.....19.00 "4.7%
Sorbitol solids.....42.50 "10.8%
177.50 calories	

LADY LOIS ICE CREAM

1550 Taraval St. SEabright 1-5310 San Francisco 16
MAIL ORDERS INVITED • SHIPPED ANYWHERE

FORMULA FOR VI-PENTA

VI-PENTA NO. 1: Vitamin K analog (Synkayvite®), 1 mg.; Vitamin E, 5 mg.; Vitamin C, 25 mg.

VI-PENTA NO. 2: Vitamin A (Synthetic), 5000 U.S.P. Units; Vitamin D, 1000 U.S.P. Units; Vitamin C, 50 mg.; Vitamin E, 2 mg.

VI-PENTA NO. 3: Vitamin A (Synthetic), 5000 U.S.P. Units; Vitamin D, 1000 U.S.P. Units; Thiamine HCl (B₁), 1 mg.; Riboflavin-5'-phosphate sodium (B₂), 1 mg.; Pyridoxine HCl (B₆), 1 mg.; d-Panthenol, 10 mg.; Niacinamide, 10 mg.; Ascorbic acid (C), 50 mg.; d-Biotin, 30 mg.; Vitamin E, 2 mg.

California

M E D I C I N E . . . CLASSIFIED ADVERTISEMENTS

USE THIS BLANK TO WRITE YOUR LOW COST CLASSIFIED AD TO FIND:
ASSOCIATES • PARTNERS • EMPLOYEES • EQUIPMENT, ETC.

Name _____ Address _____

I enclose \$ _____ to include \$10.00 for the first 50 words or less, plus 10¢ for each additional word.

Check one: ☐ Please include my name and address in ad
☐ Please assign a box number (50¢ additional)

Mobile Operating Rooms Urged for Emergencies

Mobile operating rooms that could go to the aid of heart attack victims have been recommended by two Cleveland surgeons.

Drs. Claude S. Beck and David S. Leighninger, writing in the September 10 *Journal of the American Medical Association*, suggested that mobile units be sent to victims whose hearts are revived by the open chest, manual massage technique.

The purpose of the mobile operating unit would be to restore the patient's heart to a normal rhythm and close the chest at the scene of the emergency.

For topical treatment of **DENUDED** and **PAINFUL SKIN LESIONS**

Anti-Pyrexol antiseptic ointment reduces pain, minimizes scarring, aids healing of burns, sunburn, scalds, lesions, wounds, and local inflammation of skin and mucous membrane. Sold through surgical supply houses. 1, 5, 10 and 50 lb. tins. Time tested—professionally since 1921. Active ingredients: Oils of spearmint, bay, wintergreen (syn.), salicylic acid, lanolin, zinc oxide, phenol .44%, ortho-hydroxyphenyl-mercuric chloride .056%, petrolatum, paraffin.

Anti-Pyrexol Benzocaine. Acutely anesthetic. Contains Benzocaine 3%. 1, 5 and 10 lb. tins.

EASY SPREADING
Anti-Pyrexol
KIP, INC.—LOS ANGELES 21



Success is "more likely" if the operating room with trained personnel is moved to the victim instead of the victim being moved to the hospital, they said. Artificial respiration, essential to the survival of the patient, may be interrupted while he is being transported to the hospital, they pointed out.

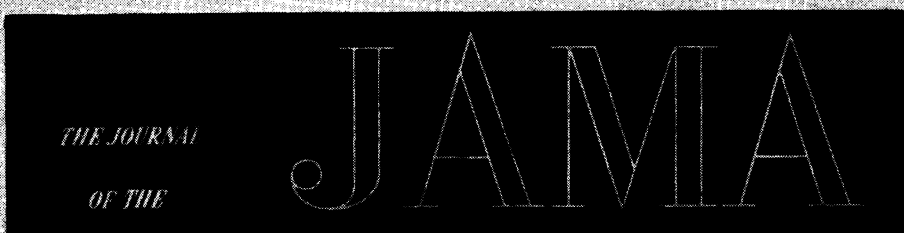
The two surgeons made the recommendation after discussing the incidence of death in "hearts too good to die." They said a two-year survey of 500 heart attack victims listed by the Cuyahoga County Coroner's office, Cleveland, showed that in 63 per cent of the cases there was no evidence of sufficient heart damage to cause death.

"These figures indicate the size of this problem," they said.

They explained that a good heart could fail when its supply of oxygen is cut off (anoxia) or when its oxygen becomes unequally distributed causing a convulsive beat (fibrillation). For example, anoxia can be caused by suffocation, choking, or drowning and fibrillation can be caused by lightning striking the body.

When a structurally sound heart stops beating, they said, it may need only a "second chance" to cheat death. The cardiac massage technique is becoming increasingly successful in surmounting the temporary difficulty of the healthy heart, they said.

Dr. Beck is professor of cardiovascular surgery and Dr. Leighninger is senior instructor in surgery, cardiovascular section, Western Reserve University.



THE JOURNAL
OF THE
AMERICAN MEDICAL
ASSOCIATION

VOL. 174, NO. 5

OCTOBER 1, 1960

Clinical
Wash

newest
J.A.M.A.
paper
reports

DBI

"oral therapy of choice"
in management of diabetes ... from the
mild stable adult to the severe labile juvenile

Suntan-Producing Lotions Appear Harmless

The new suntan-producing lotions appear to be harmless, researchers reported recently.

Two separate studies on the effects of such lotions are contained in the October *Archives of Dermatology*, published by the American Medical Association.

Both groups of researchers studied the effects of "Man-Tan," which is typical of the tanning lotions containing dihydroxyacetone (DHA). It is the DHA which is able to tan the human skin without exposure to the sun.

Drs. Saul Blau, Norman B. Kanof, and Louis Simonson of New York City, in a preliminary re-

port, said DHA produces no inflammatory reaction after 30 days of use. They also reported that it offers no protection from the ultraviolet, or tanning, rays of the sun.

Drs. Howard I. Maibach and Albert M. Kligman of Philadelphia said their study also showed that "the material appears innocuous."

"No instances of sensitization or irritation were encountered," they said.

The Philadelphia group also found that the application of the product "neither increased nor decreased" the tanning response of the skin to ultraviolet rays.

Commenting on the use of the lotion by 35 persons, they said:

"In general, the depth of color directly correlates with the thickness and compactness of the stratum corneum [the outer layer of the skin]. Accordingly the palms and soles stain deepest.

"The face, as a rule, was less susceptible than the extremities. Individual variation was great. Smooth unblemished skin takes the coloration best. Older senile skin often acquires a mottled and irregular shade. Because of the vast structural differences of the various parts of the face (nose, ears, and forehead), it is extremely difficult to obtain a uniform tone."

Both groups reported some success in using the lotion to treat conditions in which areas of the skin had lost their natural color.

ALEXANDER SANITARIUM, Inc.

LOCATED IN THE FOOTHILLS OF BELMONT, CALIFORNIA

Address Correspondence: MEDICAL DIRECTOR, Alexander Sanitarium, Inc., Belmont, California • LYtel 3-2143

The Alexander Sanitarium is a neuropsychiatric open hospital for treatment of emotional states, geriatric cases and alcoholism. Treatments include hydrotherapy, electro and insulin shock-therapy, psychotherapy and occupational therapy. Conditional reflex treatment for alcoholism.

Occupational facilities consist of special occupational therapy room, tennis court, billiards, badminton court, table tennis and completely enclosed, heated, full-size swimming pool.

J. M. CRUIKSHANK, M.D., D.P.H., F.A.C.S., Medical Director
PSYCHIATRISTS: JOHN ALDEN, M.D., Chief of Staff; HENDRIE GARTSHORE, M.D., Asst. Chief of Staff; P. P. POLIAK, M.D., Asst. Chief of Staff; GEORGE KOLAWSKI, M.D.

A patient accepted for treatment may remain under the supervision of his own physician if he so desires

**results
of 104
"problem"
diabetics
treated
with...**

fair to excellent control in 91 of 104 diabetics (88%)

... achieved with DBI use alone or combined with exogenous insulin.

"more useful and certainly more serene lives"...

In many diabetics "phenformin (DBI) has been responsible for adjusting life situations so that patients whose livelihood was threatened, whose peace of mind was disturbed because of lability of their diseases, have been restored to more useful and certainly more serene lives."

"no evidence of toxicity" due to DBI...

a relatively low incidence of gastrointestinal reactions ... were found in this series.

DBI®

DBI (brand of Phenformin HCl-N¹-β-phenethylbiguanide HCl) is available as 25 mg. white, scored tablets, bottles of 100 and 1000.

1. Barclay, P. L.: J.A.M.A. 174:474, Oct. 1, 1960.

Rely on DBI, alone or with insulin, to enable a maximum number of diabetics to enjoy continued convenience and comfort of oral therapy in the satisfactory regulation of...

**stable adult diabetes • sulfonylurea failures
unstable (brittle) diabetes**

Detailed literature giving indications, dosage, precautions and contraindications ... professional samples ... diabetes diet sheets and explanatory brochure for patients ... available from...

u. s. vitamin & pharmaceutical corporation

Arlington-Funk Laboratories, division • 250 East 43rd Street, New York 17, N. Y.